

COURSE CONTENTS

- Introduction to HSE Act 1994
- Managing HSE & Safety Management System
- **HSE** enforcement & Monitoring - Case Study 1
- HSE work place requirement
- Case Study 2 Machinery, Plant and Equipment
- HSE Risk assessment & mitigation -Case Study 3

LEARNING OUTCOME

- Provide participants with basic and generic awareness on the Health, Safety and Environment (HSE) issues.
- The session would also touch upon the role of managers in managing the policy, operation, and training that are pre-requisite to successful implementation of HSE matters.
- Provide participants with the awareness towards the importance of HSE in general and in marine industry specifically.

FACILITATOR

PROFESSOR IR. DR. AB SAMAN ABD KADER is a Professor in Marine Transport System at Department of Aeronautics, Automotive and Ocean Engineering, School of Mechanical Engineering, Universiti Teknologi Malaysia. He possess 1st Class Marine Engineers on top B.Eng, Masters, and Ph.D in various marine-related areas. Joining UTM since 1983, he has vast experience in teaching programs and courses related to Marine Transport System, Marine Management Technology, Marine Safety and Marine Law. He has involved in numerous R&D and consultancy projects focusing in Port Management & Operations and Fiberglass Technology. He has been appointed as committee members to several units as well as being in various management positions at UTM. He also has been appointed as Board of Study to several local universities and external examiners to a number of programs in a number of local universities. He is a Registered Professional Engineer (P.Eng) with Board of Engineers Malaysia since 1993.



DR. FARAH ELLYZA HASHIM is a senior lecturer at Department of Aeronautics, Automotive and Ocean Engineering, School of Mechanical Engineering, Universiti Teknologi Malaysia. She has been involved in a number of marine related R&D with her main research area are focusing in marine renewable energy, marine remote sensing, marine safety and environment, marine transport and had published few papers in conferences and journals. She also had taught in the said field including naval architecture and ship design.



DR. ARIFAH ALI is a senior lecturer at Department of Aeronautics, Automotive and Ocean Engineering, School of Mechanical Engineering, Universiti Teknologi Malaysia. She had taught and involved in research projects in the field of Hydrodynamics of Marine Vehicles, Small Craft Technology, Computational Fluid Dynamics, Numerical and Experimental Method for Ship Hydrodynamics Analysis.



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